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Substitute for form 1449B/PTO Complete if Known Application Number 10/608,746 Filing Date INFORMATION DISCLOSURE 6/27/03 First Named Inventor STATEMENT BY APPLICANT Dileep Kumar Panjwani Art Unit 2131 (Use as many sheets as necessary) Examiner Name Sheet Attorney Docket Number SEC-1

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
R		KORAL ILGUN et al. "State Transition Analysis: A Rule-Based Instrusion Detection Approach", IEEE Trans. Software Eng. Vol 21, No. 3, 3/95, pp 181-199	
		TERESA F. LUNT "A survey of intrusion detection techniques" Computers & Security, 12 (1993) pp 404-418 (Elsevier Science Publishers Ltd.).	
		TERESA F. LUNT et al. "A Real-Time Instrusion-Detection Expert System (IDES)", Final Technical Report, February 28, 1992 (SRI International) pp. 1-1	56
		HERVE DEBAR et al. "Towards a Taxonomy of Intrustion-Detection Systems" (Elsevier Preprint), 28 October 1998 pp. 1-31	
		SHIUH-PYNG SHIEH et al. "On a Pattern-Oriented Model for Intrusion Detection" IEEE Trans. Knowledge and Data Eng. Vol. 9, No. 4 (1997) pp 661	7
		HELEN J. WANG et al. "Shield: Vulnerability-Driven Network Filters for Prever Known Vulnerability Exploits" SIGCOMM '04, Aug/Sep. 2004	ting
		"Computer Security Threat Monitoring and Surveillance" James P. Anderson Co., February 26, 1980, pp. 1-54	
B		KENNETH J. MACLEOD "Patch Management and the Need for Metrics" SANS Institute (c) 2004 pp. 1-20	

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Substitu	ite for form 1449	A/PTO		Compl te if Kn wn		
				Application Number		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date		
				First Named Inventor	Dileep Kumar	
				Group Art Unit		
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heet	1	of		Attorney Docket Number	SA-04	

	Cite	U.S. Pater	t Document	Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevant
Examiner Cite nitials No.1		Number	Kind Code ² (If known)	of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
.17		5278901	713	Shieh et al.	Jan., 1994	
		5414833	713	Hershey et al	May, 1995	
		5557742	395	Smaha et al	Sep, 1996	
		5720033	395	Deo	Feb, 1998	-
	_	5727146	395	Savoldi et al.	Mar., 1998 .	
		5948104	713	Gluck et al.	Sep., 1999	
		5991881	713	Conklin et al	Nov., 1999	
		6035423	714	Hodges et al.	Mar., 2000	
\Box		6279113	713	Vaidya	Aug, 2001	
		6,321,338	713	Porras, et al	Nov, 2001	
		6,477,651	713	Teal	Nov, 2002	
-711		5,983,348	713	Ji	Nov, 1999	
\sqrt{N}		6,272,641	713	Ji	Aug, 2001	
19		5,826,013	713	Nachenberg	Oct, 1998	
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	FOREIGN PATENT DOCUMENTS									
Examiner	Cite	F	Foreign Patent Document Kind Code ³ ffice ³ Number ⁴ (# known)		Name of Patentee or Applicant of Cited Document	Date of Publication of	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T		
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Substitut	ite for form 1449	B/PTO		Complete if Kn wn			
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Sheet	2	of	2	Attorney Docket Number	SA-04		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	L5				
P		Anderson, James P. "Computer Security Threat Monitoring and Surveillance", 15 April 1980					
1		Newmann, Peter http://www.csl.sri.com/users/neumann/neumann.html					
		Denning et al., "Prototype IDES: A Real-Time Intrusion-Detection Expert System," SRI Project ECU 7508, SRI International, MenloPark,					
		Ilgun et al., State Transition Analysis: A Rule-Based Intrusion Detection Approach, IEEE Transactions on Software Engineering, vol. 21, No. 3, Mar. 1995.					
	Ì	Liepins et al., "Anomaly Detection: Purpose and Framework," US DOE Office of Safeguards and Security.					
		Shieh et al., A Pattern-Oriented Intrusion-Detection Model and Its Applications .COPYRGT. 1991 IEEE.					
		Common Vulnerabilities and Exposures (CVE), http://www.cve.mitre.org					
		Vulnerability Statistics, http://icat.nist.gov/icat.cfm?function=statistics					
		Debar, et al., "Towards a Taxonomy of Intrusion-Detection Systems," Computers Networks 31 (1999), 805-822.					
		Lunt, "A Survey of Intrusion Detection Techniques," Computers & Security, 12 (1993) 405-418.					
W_		Voldence Constitution Anti-Visco Technology & December of the International Visco December of	Ш				
6		Veldman, Frans, "Heuristic Anti-Virus Technology", Proceedings of the International Virus Protection and Information Security Conference, Apr. 1, 1994.					

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